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Application of: Christos J. Petropoulos Confirmation No.: 1782  
Serial No.: 09/886,711 Art Unit: 1648  
Filed: June 21, 2001 Examiner: M. Mosher  
For: PRODUCTION OF INFECTIOUS Attorney Docket No.: 2793/65318/JPW/AJM/DRM  
HEPADNAVIRUS PARTICLES  
CONTAINING FOAMY RETROVIRUS  
ENVELOPE PROTEINS AND METHODS  
OF USING THE SAME  
(011068-038-999)

JUN 09 2003  
TECH CENTER 1600/2900POWER OF ATTORNEY BY ASSIGNEE  
AND EXCLUSION OF INVENTOR(S) UNDER 37 C.F.R. 3.71  
WITH STATEMENT UNDER C.F.R. 3.73(b)Commissioner for Patents  
Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application revokes all previous powers and hereby appoints Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Barry D. Rein (Reg. No. 22411), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Gidom D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Adriane M. Antier (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), Kenneth L. Stein (Reg. No. 38704), Nanda K. Alapati (Reg. No. 39893), Andrew J. Gray (Reg. No. 41796), Henry C. Lebowitz (Reg. No. 36196), Leo Merken (Reg. No. 41192), Margaret B. Brivantou (Reg. No. 40922), David R. Owens (Reg. No. 40756), Matthew E. Langer (Reg. No. 36343), Karen G. Horowitz (Reg. No. 35199), T. Christopher Tsang (Reg. No. 40258), and Carl P. Bretscher (Reg. No. 41635), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, all of Pennie & Edmonds LLP (PTO Customer No. 20583), as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Pennie & Edmonds LLP as partner, counsel, or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

Please direct all correspondence for this application to customer no. 20583.

I am the:

- Applicant/Inventor**  
 Assignee of record of the entire interest. See 37 CFR 3.71.  
*(Statement under 37 CFR 3.73(b) is applicable)*

**Statement Under 37 C.F.R. 3.73(b)**

states that it is:

- the assignee of the entire right, title, and interest; or  
 an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of either:

- An assignment from the inventor(s) of the patent application/patent identified above. A copy of the Assignment is attached.

OR

- A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: To:

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2. From: To:

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3. From: To:

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- Additional documents in the chain of title are listed on a supplemental sheet.

- Copies of assignments of other documents in the chain of title are attached.

[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

**ASSIGNEE: ViroLogic, Inc.**

Date:

5-12-2003

Signature:



Typed Name: **Kathy Hibbs**

Position/Title: Vice President, General Counsel

Address: **ViroLogic, Inc.**  
345 Oyster Point Blvd.  
South San Francisco, CA 94080-4811

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SOLE

## ASSIGNMENT

WHEREAS, I, CHRISTOS J. PETROPOULOS, ASSIGNOR, citizen of the United States, residing at 415 Garcia Avenue, Half Moon Bay, California 94019, am the inventor of the invention in PRODUCTION OF INFECTIOUS HEPADNAVIRUS PARTICLES CONTAINING FOAMY RETROVIRUS ENVELOPE PROTEINS AND METHODS OF USING THE SAME for which I have executed an application for a Patent of the United States

- which was executed on       even date herewith or       July 25, 2001  
 which is identified by Pennie & Edmonds LLP docket no. 2793/65318/JPW/AJM/DRM (011068-028-999)  
 which was filed on June 21, 2001, Application No. 09/886,711

and WHEREAS, VIROLOGIC, INC., ASSIGNEE is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

CHRISTOS J. PETROPOULOS

Date May 6, 2003

WITNESS

Date 05/06/2003

WITNESS

Date 05/06/2003